

CLAIM AMENDMENTS

Claims 1 through 63 (canceled).

1           64. (previously added) An isolated pyruvate carboxylase  
2 gene coding for the amino acid sequence given under SEQ ID NO: 2.

1           65. (previously added) An isolated pyruvate carboxylase  
2 gene with the nucleotide sequence of nucleotides 165 to 3587  
3 according to SEQ ID NO: 1.

66 through 69 (canceled)

1           70. (previously added) The isolated pyruvate carboxylase  
2 gene defined in claim 65 with a preceding promoter of the nucleo-  
3 tide sequence from nucleotide 20 to 109 according to SEQ ID NO:1.

1           71. (previously amended) The isolated pyruvate  
2 carboxylase gene according to claim 65 with a preceding tac  
3 promoter.

1           72. (previously added) The isolated pyruvate carboxylase  
2 gene according to claim 71 with a regulatory gene sequence associ-  
3 ated with the tac promoter.

1           73. (previously added) The isolated pyruvate carboxylase  
2 gene according to claim 70 associated with a regulatory gene  
3 sequence.

1           74. (previously added) A nucleic acid comprising an  
2 isolated pyruvate carboxylase gene according to claim 65, preceded  
3 by a promoter and associated with a regulatory gene sequence.

1           75. (previously added) A vector containing an isolated  
2 pyruvate carboxylase gene according to claim 65.

1           76. (previously added) A transformed cell containing in  
2 replicatable form an isolated pyruvate carboxylase gene according  
3 to claim 65.

1           77. (previously added) A transformed cell containing a  
2 vector according to claim 75.

1           78. (previously added) A transformed cell according to  
2 claim 76 belonging to the genus *Corynebacterium*.

Claims 79 and 80 (canceled).

1           81. (previously added) A pyruvate carboxylase gene  
2 isolated from a *Corynebacterium* and which consists essentially of  
3 nucleotides 165 to 3587 according to SEQ ID No. 1.

1           82. (currently amended) An isolated pyruvate carboxylase  
2 polypeptide having an amino acid sequence at least 95% identical to  
3 a sequence selected from the group consisting of:

4           (a) the amino acid sequence of the pyruvate carboxylase  
5 polypeptide having the complete amino acid sequence in SEQ ID NO:  
6 2; and

7           (b) the amino acid sequence of the pyruvate carboxylase  
8 polypeptide having the complete amino acid sequence encoded by the  
9 clone contained in ~~ATCC Deposit No. PTA 982~~ strain ATCC 13032 WT  
10 (pEKO pyc).

1           83. (previously added) The isolated pyruvate carboxyl-  
2 ase polypeptide of claim 82 wherein the pyruvate carboxylase  
3 polypeptide comprises an amino acid sequence at least 95% identical  
4 to the amino acid sequence of the pyruvate carboxylase polypeptide  
5 having the amino acid sequence of SEQ ID NO :2.

1           84. (previously added) The isolated pyruvate carboxyl-  
2 ase polypeptide of claim 82 comprising the amino acid sequence of  
3 SEQ ID NO: 2.

1           85. (currently amended) The isolated pyruvate carboxyl-  
2   ase polypeptide of claim 82, wherein the pyruvate carboxylase  
3   polypeptide comprises an amino acid sequence at least 95% identical  
4   to the amino acid sequence of the pyruvate carboxylase polypeptide  
5   having the amino acid sequence encoded by the clone obtained ~~in~~  
6   ~~ATCC Deposit No. PTA-982~~ in strain ATCC 13032 WT (pEKO pyc).

1           86. (currently amended) The isolated pyruvate carboxyl-  
2   ase polypeptide of claim 82 comprising the amino acid sequence  
3   encoded by the clone obtained ~~in ATCC Deposit No. PTA-982~~ in strain  
4   ATCC 13032 WT (pEKO pyc).

1           87. (new) A vector comprising an isolated pyruvate  
2   carboxylase gene according to claim 64.

1           88. (new) A vector comprising an isolated pyruvate  
2   carboxylase gene according to claim 81.

1           89. (new) A transformed cell comprising in replicable  
2   form an isolated pyruvate carboxylase gene according to claim 64.

1           90. (new) A transformed cell comprising in replicable  
2   form an isolated pyruvate carboxylase gene according to claim 81.